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**WEBER et al.** (43) **Pub. Date: Oct. 15, 2020**(54) **ACCESSORY CASE WITH A POWER SUPPLY**(52) **U.S. Cl.**  
CPC ..... **H02J 7/0044** (2013.01); **H02J 7/025** (2013.01)(71) Applicant: **Apple Inc.**, Cupertino, CA (US)(72) Inventors: **Robert V. WEBER**, Redwood City, CA (US); **Patrick T. RYAN**, San Francisco, CA (US); **Min Chul KIM**, San Jose, CA (US); **Ian P. COLAHAN**, San Jose, CA (US)(21) Appl. No.: **16/530,836**(22) Filed: **Aug. 2, 2019****Related U.S. Application Data**

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**H02J 7/02** (2006.01)(57) **ABSTRACT**

Accessory devices for portable electronic devices are herein described. An accessory device may include a receptacle used to receive and carry an electronic device. Further, the accessory device may include a cover that is pivotally coupled to the receptacle. The cover is designed to protect a front surface of the electronic device, including a cover glass. The accessory device may further include a power supply (such as a battery) that is located on the cover. The power supply is designed to provide power to the electronic device, and subsequently charge a battery of the electronic device. The power supply can also provide power to different devices. In this regard, the accessory device may include an inductive charging coil that can inductively charge a battery of a device located on the accessory device. The inductive charging coil can be integrated into the receptacle or the cover.

